Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

Formerly C&GS 586, 1st Combined Ed., Jan. 1952 D-1940-518

NATIONAL OCEAN SERVICE

UNITED STATES - EAST COAST
FLORIDA

ST. JOHNS RIVER
RACY PT. TO CRESCENT LAKE

Mercator Projection
Scale 1:40,000 at Lat. 30°03'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

TIDAL INFORMATION

Name	Place (LAT/LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
Pueblo	(29°39'N/81°38'W)	feet 1.3	feet 1.2	feet 0.0	feet -2.5

NOTE – In Crescent Lake the periodic tide has a mean range less than one half-foot.

(290)

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.869" northward and 0.673" eastward to agree with this chart.

HEIGHTS

Heights in feet above Mean High Water

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, U.S. Coast Guard and Defense Mapping Agency.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

(JOHNS SIDE A ON REVERSE SIDE)

(JOINS CHART 11495)

(JOINS PANEL TO RIGHT)

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Jacksonville, Fla. KHB-39 162.55 MHz

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

PLANE COORDINATE GRID
(based on NAD 1927)

Florida State Grid, east zone is indicated by dotted ticks at 10,000 foot intervals.

CAUTION

Numerous fish traps, stakes, and piles are located within the area of this chart; some may be submerged. Small craft should use caution when operating outside the main channel.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○(Accurate location) ○(Approximate location)

NOTE B

The controlling centerline depth was 12 feet, July 1986

SCALE 1:40,000

Nautical Miles

Statute Miles

Yards

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	Gp group	N nun	Rot rotating
B black	IQ interrupted quick	OBSC obscured	s seconds
Bn beacon	Iso isophase (E Int)	Oc occulting	SEC sector
C can	LT HO lighthouse	Or orange	St M statute miles
DIA diaphone	M nautical mile	Q quick	VQ very quick
E Int equal interval (flash)	m minutes	R red	W white
F fixed	MICRO TR microwave tower	Ra Ref radar reflector	WHIS whistle
Fl flashing	Mkr marker	R Bn radiobeacon	Y yellow

Bottom characteristics:

Bldr boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.

SIDE B

LATITUDE 1' 45" 30" 15" 0" 50"

LONGITUDE 1' 45" 30" 15" 0" 50"

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel Q

(JOINS PANEL TO LEFT)

29° 35'

81° 35'

Murphy Island

Murphy Creek

Rat I.

Fl R 4sec 16ft 3M "16"

Fl G 4s 12ft 4M "19"

Fl R 4sec 16ft 3M "13"

Fl G 4s 16ft 4M "13"

Buzzard I

Edgewater

FEC R.R.

SWING BRIDGE
HOR CL 60 FT
VERT CL 11 FT

OVHD PWR CABS
AUTH CL 55 FT

U.S. Highway No 17

Pipeline Area

SAN MATEO

Sutherlands Still

Crane Ponds

Sugarbowl Lake

DUNNS CREEK

Snag

Monroe Ldg.

State Highway No 101

Piney Bluff Ldg.

Lake Broward

Moccasin Ldg.

WILLOW COVE

Willow Pt.

Shell Hill Pt.

SYKES COVE

Sykes Ldg.

Fernona Ldg.

Hurricane Pt.

Salt Branch Canal

Shell Bluff

Shell Bluff Ldg.

Weidenreach Pt.

Round Lake

CRESCENT LAKE

Carla Pt.

MICRO TOWER

Lake Omega

Lake Argenta

TANK

Powell Lake

Lake Lillie

Lake Stella

CRESCENT CITY

Lake Lulu

Dream Pond

Ruins

Bear I.

Marsh

Buzzard Roost

Denver

SSRR

Breezy Pt.

GRIMSLEY COVE

Grimsley Neck

Shirley Place

McReynolds I.

Fish Hawk Pt.

Bull Creek

St. Johns Park

New Ruin

DEAD LAKE

Hopkins Point

GREEN BAY

Green Bar Pt.

Haw Creek

MAGNETIC

VAR 3°30'W (1958)

ANNUAL INCREASE 9'

81° 25'

29° 25'

30'

1,910,000

1,890,000

1,870,000

980,000

990,000

1,000,000

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102

(Racy Point to Crescent Lake)

SOUNDINGS IN FEET · SCALE 1:40,000

11492

SIDE B

DMA STOCK NO 11XHA11492

11492

SOUNDINGS IN FEET

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

Formerly

30° 20' 45' 42' 45' 30' 15' 41' 50' 81°40'

(CONTINUED ON CHART 11491)

JACKSONVILLE

Highway

Murray Hill

St. Johns Park

Lakeside Park

Cedar River

Williams Cr.

Butcher Pen Cr.

Fishing Creek

Wesconett

Marsh

Yukon

Ortega

Ortega Terrace

ORTEGA RIVER

Pirates Cove

CLUBHOUSE

Venetia

Brooklyn

McCoy Cr.

Riverside

S. Jacksonville

St. Nicholas

Phillips

Spring Glen

Miramar Terrace

Pt. La Vista

Arlington

Arlington R.

Bowden

Chrisstopher Cr.

Chrisstopher Pt.

Piney Pt.

Black Pt.

Mulberry Cove

Cross Linda Lake

Bluff Ldg.

Wooded swamp

Beauclere Bluff

Plummers Cove

Plummers Pt.

Goodbys Creek

Orange Park

Orange Park Ldg.

Johnson Slough

Wadesboro Springs

Camp Echockotee

Macks Pt.

Doctors Inlet

Mandarin Pt.

Mandarin Community Center

Loretto

Creighton Island

Geisers Pt.

Marsh

Hibernia

Hibernia Pt.

Switzerland

New Switzerland Pt.

Kentucky Br.

Cane Pt.

Sugarhouse Cove

Mill Cove

Hog Pt.

Neilhurst

Peoria Pt.

Catfish Pt.

Rattlesnake Pt.

Diston Siding

Duck Creek

Swimming Pen Cr.

Mill Log Cr.

Russell

Wilkins Pt.

Julington Creek

Old Bull Bay

Fruit Cove

Cunningham Cr.

DOCTORS LAKE

FLEMING ISLAND

BLACK CREEK

SSRR

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other privately maintained buoys are not all listed in the U.S. Coast Guard Light List.

NOTE B

The daybeacons are privately maintained and positions are approximate.

SIDE A

(JOINS PANEL TO RIGHT)

(JOINS PANEL TO LEFT)

NOAA

NATIONAL OCEAN SERVICE

UNITED STATES – EAST COAST

FLORIDA

ST. JOHNS RIVER

JACKSONVILLE TO RACY PT.

Mercator Projection
Scale 1:40,000 at Lat. 30°03'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

SCALE 1:40,000
Nautical Miles
Statute Miles
Yards

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.869" northward and 0.673" eastward to agree with this chart.

HEIGHTS

Heights in feet above Mean High Water.

TIDAL INFORMATION

Place Name	(LAT/LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Jacksonville, RR bridge	(30°19'N/81°40'W)	1.3	1.2	0.0	-2.5
Orange Park	(30°10'N/81°42'W)	0.7	0.7	0.0	-2.5
Green Cove Springs	(30°00'N/81°41'W)	0.9	0.8	0.0	-2.5
East Tocoi	(29°51'N/81°34'W)	1.1	1.0	0.0	-2.5

(290)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	Gp group	N nun	Rot rotating
B black	IQ interrupted quick	OBSC obscured	s seconds
Bn beacon	Iso isophase (E Int)	Oc occulting	SEC sector
C can	LT HO lighthouse	Or orange	St M statute miles
DIA diaphone	M nautical mile	Q quick	VQ very quick
E Int equal interval (Iso)	m minutes	R red	W white
F fixed	MICRO TR microwave tower	Ro Ref radar reflector	WHIS whistle
Fl flashing	Mkr marker	R Bn radiobeacon	Y yellow

Bottom characteristics:

Bldr boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized; Obstn obstruction; PD position doubtful; Submg submerged; ED existence doubtful; PA position approximate; Rep reported; 21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated; (2) Rocks that cover and uncover, with heights in feet above datum of soundings; COLREGS: International Regulations for Preventing Collisions at Sea, 1972.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, U.S. Coast Guard and Defense Mapping Agency.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, FL., or at the Office of the District Engineer, Corps of Engineers in Jacksonville, FL.

Refer to charted regulation section numbers.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○ (Accurate location) ○ (Approximate location)

CAUTION

Numerous fish traps, stakes, and piles are located within the area of this chart; some may be submerged. Small craft should use caution when operating outside the main channel.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Jacksonville, Fla. KHB-39 162.55 MHz

PLANE COORDINATE GRID
(based on NAD 1927)

Florida State Grid, east zone is indicated by dashed ticks at 10,000 feet intervals. The last three digits are omitted.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

CHANGES in BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

(JOINS SIDE B ON REVERSE SIDE)

MA STOCK NO. 11KHA11492

SIDE B

Notice to Mariners

Teasdale

STACK

U.S. Highway No. 17

SSRR

Redine Pt.

Middle Pt.

Verdier Pt.

Fairview

Whetstone Pt.

Cole Pt.

Mays Ldg.

12 FT CENTERLINE JULY 1986

Fl R 4sec 16ft 3M "38"

Fl G 4s 16ft 4M "41"

Qk Fl 13ft

Qk Fl 16ft

Iso 6s 36ft

Rice Creek

FIXED BRIDGE
HOR CL 75 FT
VERT CL 40 FT

SWING BRIDGE
HOR CL 40 FT
VERT CL 2 FT

Fl R 4sec 16ft 3M "8"

Fl G 4sec 16ft 3M "9"

E Int G 6sec 21ft

10 FT CENTERLINE MAY 1985

Rice Creek Cut Area

OVHD PWR CAB AUTH CL 40 FT

Warner Pt

Warner Cove

Russels Pt

Murphys Cove

Myrtlewood Pt

Dancy Pt.

Dog Branch

Forrester Pt.

Elgin Grove

Riveria

F.E.C.R.R.

Orange Mills

Spoil Area

Log Ldg.

Cow Cr.

OVHD PWR CAB
AUTH CL 60 FT
(91 FT OVER CHANNEL)

Hog Eye Pt.

Merijani Pt.

Carman Cove

Southern R.R.

State Highway No. 100

Kay Larkin
Municipal Airport

SSRR

PALATKA

Lemon Heights

TANK

Palatka Heights

R TRS (WNPF)
1260 kHz

Towers

Fl G 4s 16ft 4M "7"

Harts Pt.

Devils Elbow

Fl R 4sec 16ft 3M "8"

Fl R 4s 16ft 3M "4" PA

Wilson Cove

EAST PALATKA

TANK

Mill Branch

F.E.C.R.R.

Fl R 4s 16ft 3M "10"

Pipeline Area

TOWER

OVHD PWR CAB
CL 159 FT.

Rivercrest

STACK

Fl G 12ft 4M

OVHD PWR CAB
under constr.

Porters Cove

Doris Cr.

Fl R 4sec 16ft 3M "12"

Sunny Heights

Lundy

SSRR

NOTE B
The controlling centerline depth was 12 feet.
July 1986

Buzzard

SAN MATEO

Fl G 4s 16ft 4M "13"

Edgewater

Scenic Highway No. 100

Horseshoe Pt.

Fl R 4sec 16ft 3M "22"

Fl R 4sec 16ft 3M "20"

Browns Ldg.

Fl R 4sec 16ft 3M "16"

Fl R 4sec 16ft 3M "26"

BASCULE BRIDGE
HOR CL 90 FT
VERT CL 7 FT

Buffalo Bluff

Polly Island

Polly Creek

Rat Island

Subm piling rep
(Closed to navigation)

Fl G 4s 12ft 4M "15"

Murphy Island

Murphy Creek

Seven Sisters

Barrentine Cr.

Pipeline Area

FIXED BRIDGE
HOR CL 60 FT
VERT CL 45 FT
OVERHEAD POWER CABLES
AUTHORIZED CL 55 FT
AUTHORIZED

Sutherlands Still

U.S. Highway No. 17

S.S.R.R.

DUNNS CREEK

Monroe Ldg.

SATSUMA

Lake Myra

Crane Ponds

(JOINS CHART 11495)

(JOINS PANEL TO RIGHT)

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOAA VHF-FM WEATHER BROADCASTS

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Jacksonville, Fla. KHB-39 162.55 MHz

LOGARITHMIC SPEED SCALE

1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

PLANE COORDINATE GRID
(based on NAD 1927)

Florida State Grid, east zone is indicated by dotted ticks at 10,000 foot intervals.

CAUTION

Numerous fish traps, stakes, and piles are located within the area of this chart; some may be submerged. Small craft should use caution when operating outside the main channel.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

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Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○(Accurate location) ○(Approximate location)

MAGNETIC

VAR 5°30'W (1989)

ANNUAL INCREASE 6'

SCALE 1:40,000

Nautical Miles

Statute Miles

Yards

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	Gp group	N nun	Rot rotating
B black	IQ interrupted quick	OBSC obscured	s seconds
Bn beacon	Iso isophase (E Int)	Oc occulting	SEC sector
C can	LT HO lighthouse	Or orange	St M statute miles
DIA diaphone	M nautical mile	Q quick	VQ very quick
E Int equal interval (Iso)	m minutes	R red	W white
F fixed	MICRO TR microwave tower	Ra Ref radar reflector	WHIS whistle
Fl flashing	Mkr marker	R Bn radiobeacon	Y yellow

Bottom characteristics:

Bldr boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
12 Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.

16th Ed., Apr. 7/90

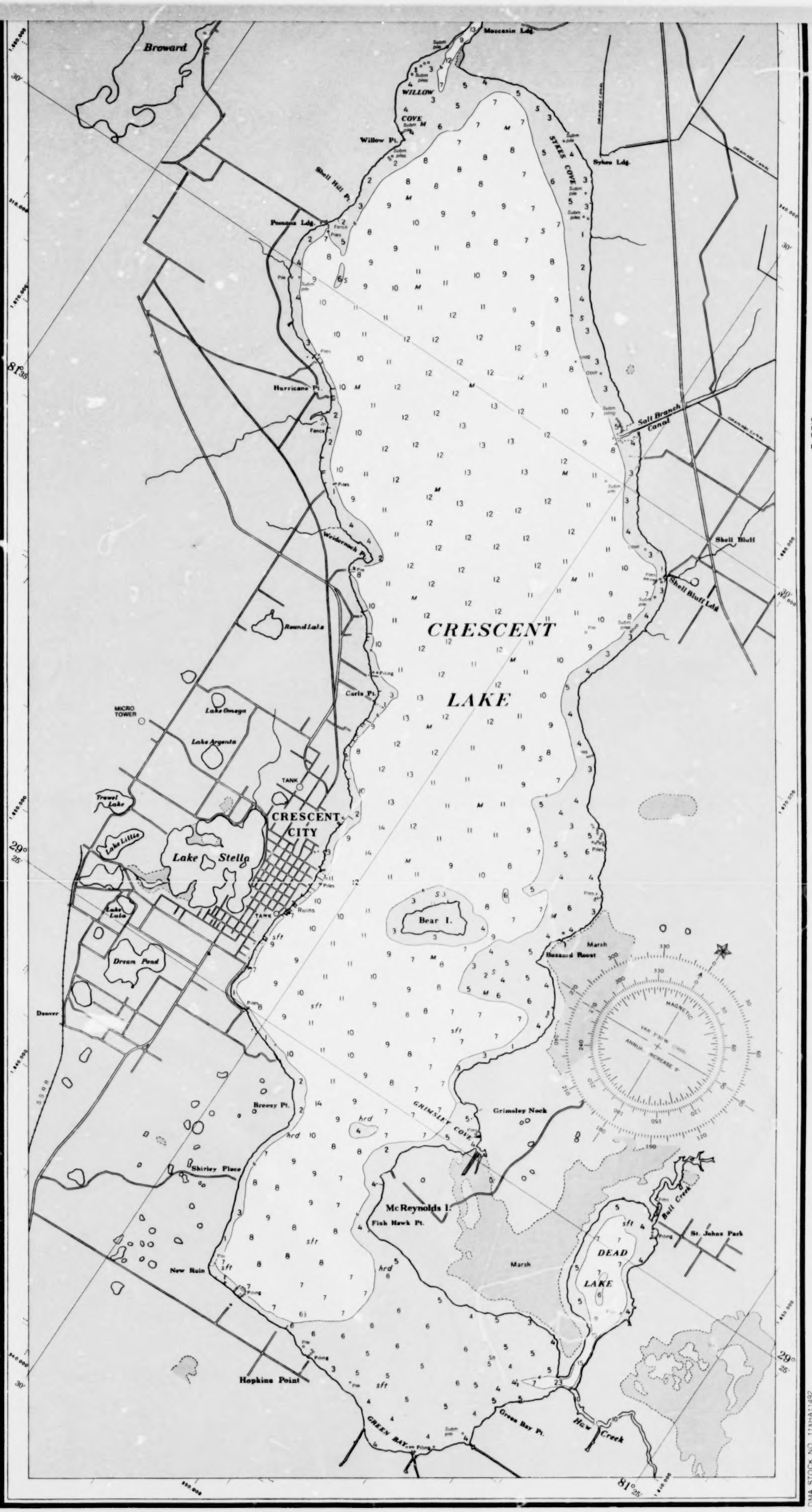
11492

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

C 55.418/7:11492/990



FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

(Racy Point to Crescent Lake)

SOUNDINGS IN FEET - SCALE 1:40,000

11492

are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other privately maintained buoys are not all listed in the U.S. Coast Guard Light List.

NOTE B
The daybeacons are privately maintained and positions are approximate.

SIDE A

Yukon
Piney Pt.
Marsh
Bluff Ldg
Wooded swamp
Coon Linda Lake
Bluff Pt.
Mallard Cove
Goodbys Creek
Beauclere Bluff
Plummers Cove
Plummers Pt.
Orange Park
Orange Park Ldg
Wadesboro Springs
Orange Pt.
Camp Echockotee
Macks Pt.
Doctors Inlet
Mandarin Pt.
Mandarin Community Center
Lorsito
Creighton Island
DOCTORS LAKE
Indigo Branch
Cane Pt.
Geigers Pt.
Marsh
Sugarhouse Cove
Mill Cove
Hog Pt.
Neilhurst
Peoria Pt.
Catfish Pt.
Ragged Pt.
JULINGTON CREEK
OLD BULL BAY
Fruit Cove
Cunningham Cr
Dixton Siding
Duck Creek
Maynard Br.
Swimming Pen Cr
FLEMING ISLAND
Peters Br.
Wooded swamp
BLACK CREEK
Hibernia
Hibernia Pt.
Switzerland
New Switzerland Pt.
Russell
Peters Cr
Wilkins Pt
Cable area

FIXED BRIDGES
HOR CL 150 FT
VERT CL 65 FT

FIXED BRIDGES
HOR CL 60 FT
VERT CL 37 FT

FIXED BRIDGE
HOR CL 18 FT
VERT CL 4 FT

FIXED BRIDGE
HOR 25 FT
VERT CL 8 FT

FIXED BRIDGES
HOR CL 60 FT
VERT CL 6 FT
OVHD PWR CAB
AUTH CL 31 FT

FIXED BRIDGE
HOR CL 60 FT
VERT CL 20 FT

FIXED BRIDGES
HOR CL 60 FT
VERT CL 30 FT

FIXED BRIDGE
HOR CL 44 FT
VERT CL 15 FT
OVHD PWR CAB
AUTH CL 40 FT

FIXED BRIDGES
HOR CL 32 FT
VERT CL 11 FT

OVHD PWR CAB
AUTH CL 35 FT

OVHD PIPELINE

TANK

PIPE

TOWER

Obstr rep 1977

15 ft rep May 1983

(JOINS PANEL TO RIGHT)

45' 42' 45' 30' 19' 41' 00' 81°40'

16th Ed., Apr 7/90 ■

11492

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district in the area shown in the lower left hand corner.

Published at Wa
U.S. DEPARTMENT
NATIONAL OCEANIC AND ATM
NATIONAL OC

HEIGHTS

Heights in feet above Mean High Water.

TIDAL INFORMATION

Place Name	(LAT/LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Jacksonville, RR bridge	(30°19'N/81°40'W)	1.3	1.2	0.0	-2.5
Orange Park	(30°10'N/81°42'W)	0.7	0.7	0.0	-2.5
Green Cove Springs	(30°00'N/81°41'W)	0.9	0.8	0.0	-2.5
East Tocoi	(29°51'N/81°34'W)	1.1	1.0	0.0	-2.5

(290)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	Gp group	N nun	Rot rotating
B black	IQ interrupted quick	OBSC obscured	s seconds
Bn beacon	Iso isophase (E int)	Oc occulting	SEC sector
C can	LT HO lighthouse	Or orange	SI M statute miles
DIA diaphone	M nautical mile	Q quick	VQ very quick
E Int equal interval (Iso)	m minutes	R red	W white
F fixed	MICRO TR microwave tower	Ra Ref radar reflector	WHIS whistle
Fl flashing	Mkr marker	R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Submerged
ED existence doubtful	PA position approximate	Rep reported	

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, U.S. Coast Guard and Defense Mapping Agency.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, FL, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, FL.

Refer to charted regulation section numbers.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○(Accurate location) ○ (Approximate location)

CAUTION

Numerous fish traps, stakes, and piles are located within the area of this chart; some may be submerged. Small craft should use caution when operating outside the main channel.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Jacksonville, Fla. KHB-39 162.55 MHz

PLANE COORDINATE GRID

(based on NAD 1927)

Florida State Grid, east zone is indicated by dashed ticks at 10,000 feet intervals. The last three digits are omitted.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

CHANGES in BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.6 nautical miles run in 15 minutes, the speed is 18.0 knots.

Red Bay Point
Jack Wright I.
Palmo Cove
Wateroak Pt.
Wooded swamp
Sulphur Springs Cove
Puerto Rico Cove
Bayard Pt.
Fl R 4sec 19ft 3M"24"
Paccetti Pt.
Colee
Colee Cove
Marsh
Picolata
Magnolia Ldg.
Watson Island
Meldrim Park
Ferreira Pt.
Silano Cove
Silano Pt.
Brewers Ldg.
Willis Pt.
West Tocoi
Tocoi
Tocoi Pt.
Riverdale
Cedar Pt.
Racy Pt.
Hunt Pt.
Pine Bluff
Lane Ldg.
Magnolia Pt.
Lena
Clark Creek
Cedar Creek
Fresh Creek
Mud Alley
Strawtle Creek
Woods Cr.
Fl R 4sec 18ft 3M"22"
FIXED BRIDGE
HOR CL 91 FT
VERT CL 45 FT

SOUNDINGS IN FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

(Jacksonville to Racy Point)

SOUNDINGS IN FEET - SCALE 1:40,000

11492

...ington, D.C.
...F COMMERCE
...SPHERIC ADMINISTRATION
...N SERVICE

SIDE A

LOOKING SIDE B ON REVERSE SIDE